

openQA Tests - action #21048

[qam] test fails in tracker_search_in_nautilus - keyboard press is not reaching target

2017-08-03 11:05 - pcervinka

Status:	Resolved	Start date:	2017-08-03
Priority:	Normal	Due date:	
Assignee:	pcervinka	% Done:	90%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:			
Difficulty:			
Description			
Observation			
openQA test in scenario sle-12-SP2-Desktop-DVD-Updates-x86_64-qam-regression-other@64bit fails in tracker_search_in_nautilus			
Reproducible			
Fails since (at least) Build 20170801-1			
Expected result			
Last good: 20170731-1 (or more recent)			
Further details			
Always latest result in this scenario: latest			
CTRL-F should be sent to "nautilus", followed by search string "newfile" and "ret", but nothing reach application and gedit doesn't start.			
<pre>09:24:56.1817 39240 <<< testapi::wait_screen_change(timeout=10) 09:24:56.1823 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/tracker/tracker_search_in_nautilus.pm:20 called testapi::send_key 09:24:56.1823 39240 <<< testapi::send_key(key='ctrl-f') 09:24:56.3931 39240 waiting for screen change: 0 1000000 09:24:56.8968 39240 waiting for screen change: 0 20.8163729787519 09:24:56.8969 39240 >>> testapi::wait_screen_change: screen change seen at 0 09:24:56.8970 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/tracker/tracker_search_in_nautilus.pm:21 called testapi::type_string 09:24:56.8971 39240 <<< testapi::type_string(string='newfile', max_interval=250, wait_screen_changes=0) 09:24:57.0686 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/tracker/tracker_search_in_nautilus.pm:22 called testapi::send_key 09:24:57.0688 39240 <<< testapi::send_key(key='ret') 09:24:57.2739 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/tracker/tracker_search_in_nautilus.pm:23 called testapi::assert_screen 09:24:57.2740 39240 <<< testapi::assert_screen(mustmatch='gedit-launched', timeout=3) 09:24:57.2870 39242 MATCH(gedit-launched-20160713:0.00) 09:24:57.3003 39242 MATCH(gedit-launched-20150512:0.0)</pre>			
Related issues:			
Related to openQA Project - action #5830: Get rid of wait_idle to improve per...		Resolved	2015-01-11

History

#1 - 2017-08-03 11:07 - pcervinka

- Related to action #5830: Get rid of wait_idle to improve performance on lqemu added

#2 - 2017-08-03 11:15 - pcervinka

Same behavior applies also for shotwell failure, ALT-R doesn't reach application

https://openqa.suse.de/tests/1087881#step/shotwell_edit/21

```
17:05:48.5317 23575 MATCH(shotwell_edit-shotwell-remove-prompt-20160726:1.00)
17:05:48.6104 23572 >>> testapi::_handle_found_needle: found shotwell_edit-shotwell-remove-prompt-20160726, similarity 1.00 @ 256/278
17:05:48.6105 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/shotwell/shotwell_edit.pm:41 called testapi::wait_screen_change
17:05:48.6106 23572 <<< testapi::wait_screen_change(timeout=10)
17:05:48.6115 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/shotwell/shotwell_edit.pm:41 called testapi::send_key
17:05:48.6115 23572 <<< testapi::send_key(key='alt-r')
17:05:48.8206 23572 waiting for screen change: 0 42.8989341273647
17:05:48.8207 23572 >>> testapi::wait_screen_change: screen change seen at 0
17:05:48.8208 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/shotwell/shotwell_edit.pm:42 called testapi::send_key
17:05:48.8209 23572 <<< testapi::send_key(key='esc')
17:05:49.0269 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/shotwell/shotwell_edit.pm:43 called testapi::wait_still_screen
17:05:49.0271 23572 <<< testapi::wait_still_screen(stilltime=7, timeout=30, simlvl=47)
17:05:56.5888 23572 >>> testapi::wait_still_screen: detected same image for 7 seconds
17:05:56.5890 Debug: /var/lib/openqa/cache/tests/sle/tests/x11regressions/shotwell/shotwell_edit.pm:44 called testapi::assert_screen
17:05:56.5891 23572 <<< testapi::assert_screen(mustmatch='shotwell-removed-picture', timeout=30)
17:05:56.6104 23575 MATCH(shotwell_edit-shotwell-removed-picture-20160510:0.00)
```

#3 - 2017-08-03 12:14 - pcervinka

Unstable keyboard inputs cause failures in gnote_search_body and gnote_search_title.

gnote_search_body: https://openqa.suse.de/tests/1088709#step/gnote_search_body/8

```
send_key "ret";
send_key "ctrl-f";
type_string "and";
```

gnote_search_title: https://openqa.suse.de/tests/1088709#step/gnote_search_title/8

```
send_key "ret";
send_key "ctrl-f";
type_string "here";
```

#4 - 2017-08-03 12:22 - pcervinka

Empathy_aim fails during account deletion:

https://openqa.suse.de/tests/1088710#step/empathy_aim/37

```
assert_screen 'empathy-confirm-aim-deletion1';
wait_screen_change { send_key "alt-r" };
```

ALT-R is not reaching application.

#5 - 2017-08-03 12:27 - pcervinka

Same issue with unstable keyboard input is in evolution_meeting_imap and evolution_meeting_pop.

https://openqa.suse.de/tests/1088710#step/evolution_meeting_imap/50

https://openqa.suse.de/tests/1088710#step/evolution_meeting_pop/52

#6 - 2017-08-03 13:43 - okurz

could be related to <https://github.com/os-autoinst/os-autoinst-distrib-opensuse/pull/3359> (EDIT: Ah, sorry. You already added the reference) .

subsequent send_keys without any synchronisation in between is prone to fail. Use either explicit assert_screen's in between or wait_screen_change or wait_still_screen

#7 - 2017-08-03 14:14 - pcervinka

I believe it is related, because these multiple test failures just started when changes in [#5830](#) were implemented.

#8 - 2017-08-03 14:47 - pcervinka

There is another test which fails with strange result, desktop_mainmenu:

https://openqa.suse.de/tests/1089639#step/desktop_mainmenu/2

ALT-F1 is send without any synchronization and incorrect menu is displayed.

I verified behavior on installation in VM and Gnome shortcut works as expected, it is not a product bug.

#9 - 2017-08-08 14:45 - dasantiago

pcervinka wrote:

Unstable keyboard inputs cause failures in gnote_search_body and gnote_search_title.
gnote_search_body: https://openqa.suse.de/tests/1088709#step/gnote_search_body/8

```
send_key "ret";  
send_key "ctrl-f";  
type_string "and";
```

gnote_search_title: https://openqa.suse.de/tests/1088709#step/gnote_search_title/8

```
send_key "ret";  
send_key "ctrl-f";  
type_string "here";
```

GNOTE only:

I was able to reproduce this on gnote in my laptop using **my fingers**.

I only tested this with gnote. I don't know about other apps.

On gnote the problem is that the interface is "slow". If we do ctrl-f and **imediately** start writing we can see that the first letters will go to the text body and the last letters will go to the search field.

This test needs a sleep between the sending of the return key and the start of the writing.

#10 - 2017-08-29 06:06 - okurz

This is an autogenerated message for openQA integration by the openqa_review script:

This bug is still referenced in a failing openQA test: qam-regression-other
<https://openqa.suse.de/tests/1132480>

#11 - 2017-09-12 06:10 - okurz

This is an autogenerated message for openQA integration by the openqa_review script:

This bug is still referenced in a failing openQA test: qam-regression-other
<https://openqa.suse.de/tests/1158952>

#12 - 2017-09-12 12:17 - pcervinka

- Status changed from New to In Progress

- Assignee set to pcervinka

#13 - 2017-09-13 08:55 - pcervinka

- % Done changed from 0 to 60

Reproduced issue with shotwell_edit:

```
wait_screen_change { send_key 'alt-r' };  
send_key "esc";
```

If is esc key pressed fast, it will cancel image removal.

#14 - 2017-09-13 09:59 - pcervinka

The issue with tracker_search_in_nautilus is in the line:

```
wait_screen_change { type_string 'newfile' };
```

Nautilus searches for string during typing, it means that each typed character can generate screen change and string is typed partially (not complete like: n,ne,newf).

#15 - 2017-09-13 12:26 - pcervinka

empathy_aim issue is caused by lines:

```
wait_screen_change { send_key "alt-r" };  
send_key "alt-c";
```

If alt-c is pressed very fast, it will cancel account removal.

#16 - 2017-09-14 06:45 - pcervinka

- % Done changed from 60 to 90

Fixes for shotwell_edit,tracker_search_in_nautilus,empathy_aim, evolution_meeting_imap were merged.
gnote_search_* and desktop_mainmenu issues didn't occur for some time.

#17 - 2017-09-17 19:53 - pcervinka

- Status changed from In Progress to Resolved